Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 04 May 2021 until 23:59 on Wednesday 05 May 2021

Forecast Issued on Monday 03 May 2021 at 13:42

Confidence: High for a continuing unsettled spells of weather, moderate for shower distribution and intensity.

Headline for Tuesday 04 May 2021: Showers merging to some longer spells of rain, gales on the peaks easing.

Mountain weather hazards on Tuesday 04 May 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Light rain showers (night)	Light rain showers	Light rain showers	Light rain showers	Sleet showers	Sleet	Sleet
Precipitation probability							
70%	60%	60%	60%	70%	70%	70%	70%

Forecast for Tuesday 04 May 2021

Weather: Cloudy through the early hours with occasional showers. Staying generally cloudy through much of Tuesday, with showers becoming more frequent and locally heavy after midday, and tending to merge to give some longer spells of rain through the afternoon and into the evening. Precipitation turning increasingly to sleet or snow down to 500-600m later in the day.

Chance of cloud free mountain/hill tops above 600m: 40% becoming 70% by late morning, decreasing 30% by evening.

Visibility: Moderate or poor at times early in the day with occasional cloud 400-500m, but improving very good as cloud lifts during the morning. Moderate at times in showers, temporarily poor in any heavy showers or wintry precipitation, and moderate or poor again at times by evening as cloud lowers again.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 04 May 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/30 SW	24/33 W	27/38 NW	26/37 NW	21/32 NW	16/25 NW	13/20 NW	10/15 NW	8/12 NW
300	18/28 SW	21/32 W	23/35 NW	23/35 NW	18/29 NW	16/26 NW	13/21 NW	8/14 NW	7/11 W
Valley	11/24 SW	14/28 W	17/34 NW	17/34 NW	15/29 NW	11/24 NW	10/19 NW	6/12 NW	3/7 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	2/-4	1/-6	2/-5	3/-3	2/-3	1/-4	0/-4	0/-4
300	6/1	5/-1	4/-3	4/-1	6/1	5/0	4/-1	2/-1	2/-1
Valley	6/3	5/1	4/-1	5/0	6/2	6/2	4/1	3/1	3/1
Freezing Level*	1200m	1000m	700m	800m	900m	800m	700m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds likely 10-15mph stronger then shown at 600m at times across highest peaks. Severe wind chill likely on peaks early in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 03 May 2021	0mm	0mm	0mm

Forecast for Wednesday 05 May 2021

Weather: More persistent rain, sleet, and snow clearing south through the early hours. Then a mainly dry start, but further showers developing by afternoon, these again possible heavy, and with some sleet or snow across the summits.

Maximum wind: NW 15 gust 20mph, but gust 25-30mph near any heavy showers.

Chance of cloud free mountain/hill tops above 600m: 40%, becoming 90% during the morning.

Visibility: Occasionally moderate at first under patchy cloud around 500m, and in showers. Otherwise improving very good or excellent during the morning as cloud lifts off the hills.

Temperature: **Valleys:** PS01 C becoming PS 08 C
At 600m: MS 01 C becoming PS 05 C
Freezing level: Near the surface, becoming above the summits.

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